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1 [Separable hyperstructure and delayed link binding](#)



David F. Brailsford

December 1999 ACM Computing Surveys (CSUR), Volume 31 Issue 4es


Publisher: ACM

Full text available: [pdf\(38.45](#)


[KB\)](#)

Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

2 Protection and communication abstractions for web browsers in MashupOS

 Helen J. Wang, Xiaofeng Fan, Jon Howell, Collin Jackson
October 2007 SOSP '07: Proceedings of twenty-first ACM SIGOPS symposium on
Operating systems principles

Publisher: ACM

Full text available:  [pdf\(328.60 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Web browsers have evolved from a single-principal platform on which one site is browsed at a time into a multi-principal platform on which data and code from mutually distrusting sites interact programmatically in a single page at the browser. Today's ...

Keyw ords: abstractions, browser, communications, multi-principal OS, protection, same-origin policy, security, web

3 The BTRC Bluetooth remote control system

Fridtjof Feldbusch, Alexander Paar, Manuel Odendahl, Ivan Ivanov
July 2003 Personal and Ubiquitous Computing, Volume 7 Issue 2

Publisher: Springer-Verlag


Full text available:  [pdf\(847.16 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [index terms](#)


AbstractEmerging radio technologies like WLAN and Bluetooth enable electronic devices of any kind to communicate with one another. A simple and easy to implement application layer protocol called BTRC protocol was developed allowing devices to exchange ...

Keyw ords: Bluetooth, Protocol, Remote control

4 Web browser accessibility using open source software

 Željko Obrenović, Jacco van Ossenbruggen
May 2007 W4A '07: Proceedings of the 2007 international cross-disciplinary conference
on Web accessibility (W4A)

Publisher: ACM

Full text available:  [pdf\(505.76 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

A Web browser provides a uniform user interface to different types of information. Making this interface universally accessible and more interactive is a long term goal still far from being achieved. Universally accessible browsers require novel interaction ...

Keyw ords: middleware, open source software, software platform, user interfaces, web accessibility

5 [Audio enriched links: web page previews for blind users](#)



Peter Parente

September 2003 ACM SIGACCESS Accessibility and Computing, Issue 77-78

Publisher: ACM

Full text available: [pdf\(229.96 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Audio Enriched Links provide previews of linked web pages to users with visual impairments. Before a user follows a hyperlink, the Audio Enriched Links software presents a spoken summary of the next page including its title, its relation to the current ...

Keyw ords: accessibility, speech preview, visual impairment, web page preview

6 [Audio enriched links: web page previews for blind users](#)



Peter Parente

October 2004 Assets '04: Proceedings of the 6th international ACM SIGACCESS conference on Computers and accessibility

Publisher: ACM

Full text available: [pdf\(229.96 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Audio Enriched Links provide previews of linked web pages to users with visual impairments. Before a user follows a hyperlink, the Audio Enriched Links software presents a spoken summary of the next page including its title, its relation to the current ...

Keyw ords: accessibility, speech preview, visual impairment, web page preview

7 [Delivering new web content reusing remote and heterogeneous sites. A DOM-based approach](#)



Luis Álvarez Sabucedo, Luis Anido Rifón

May 2005 WWW '05: Special interest tracks and posters of the 14th international conference on World Wide Web

Publisher: ACM


Full text available: [pdf\(110.12 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)


This contribution addresses the development of new web sites reusing already existing contents from external sources. Unlike common links to other resources, which retrieves the whole resource, we propose an approach where partial retrieval is possible: ...

Keyw ords: DOM, HTTP, URL, content reuse, hypertext, interoperability, reusability, web server

8 Processing link structures and linkbases in the web's open world linking

 François Bry, Michael Eckert
September 2005 HYPERTEXT '05: Proceedings of the sixteenth ACM conference on
Hypertext and hypermedia


Publisher: ACM

Full text available:  [pdf\(201.52 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#),
[index terms](#)


Hyperlinks are an essential feature of the World Wide Web, highly responsible for its success. XLink improves on HTML's linking capabilities in several ways. In particular, links after XLink can be "out-of-line" (i.e., not defined at a link source) and ...

Keyw ords: XLink, hyperlink, link modeling and processing, linkbase

9 Invasive browser sniffing and countermeasures

 Markus Jakobsson, Sid Stamm
May 2006 WWW '06: Proceedings of the 15th international conference on World Wide
Web


Publisher: ACM

Full text available:  [pdf\(614.86 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)


We describe the detrimental effects of browser cache/history sniffing in the context of phishing attacks, and detail an approach that neutralizes the threat by means of URL personalization; we report on an implementation performing such personalization ...

Keyw ords: browser cache, cascading style sheets, personalization, phishing, sniffing

10 Secure authentication system for public WLAN roaming

 Yasuhiko Matsunaga, Ana Sanz Merino, Takashi Suzuki, Randy H. Katz
September 2003 WMASH '03: Proceedings of the 1st ACM international workshop on
Wireless mobile applications and services on WLAN hotspots

Publisher: ACM

Full text available:  [pdf\(248.60 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#),
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A serious impediment for seamless roaming between independent wireless LANs (WLANs) is how best to confederate the various WLAN service providers, each having different trust relationships with individuals and each supporting their own authentication ...

Keyw ords: authentication, hotspot, link layer security, policy control, roaming, single sign-on, wireless LAN

11 Secure authentication system for public WLAN roaming

Ana Sanz Merino, Yasuhiko Matsunaga, Manish Shah, Takashi Suzuki, Randy H. Katz
June 2005 Mobile Networks and Applications, Volume 10 Issue 3

Publisher: Kluwer Academic Publishers

Full text available:  [pdf\(2.43 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

A serious challenge for seamless roaming between independent wireless LANs (WLANs) is how best to confederate the various WLAN service providers, each having different trust relationships with individuals and each supporting their own authentication ...

Keyw ords: authentication, link layer security, policy control, roaming, wireless LAN

12 WebSplitter: a unified XML framework for multi-device collaborative Web browsing



Richard Han, Veronique Perret, Mahmoud Naghshineh
December 2000 CSCW '00: Proceedings of the 2000 ACM conference on Computer supported cooperative work

Publisher: ACM

Full text available:  [pdf\(200.60 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

WebSplitter symbolizes the union of pervasive multi-device computing and collaborative multi-user computing. WebSplitter provides a unified XML framework that enables multi-device and multi-user Web browsing. WebSplitter splits a requested Web page and ...

Keyw ords: PDA, XML, co-browsing, collaboration, groupware, middleware, multi-device, partial view, pervasive, proxy, remote control, service discovery, wireless

13 Disconnected processes, mechanisms and architecture for mobile e-business

J. Sairamesh, S. Goh, I. Stanoi, S. Padmanabhan, C. S. Li
December 2004 Mobile Networks and Applications, Volume 9 Issue 6

Publisher: Kluwer Academic Publishers

Full text available:  [pdf\(625.38 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

With the tremendous advances in hand-held computing and communication capabilities, rapid proliferation of mobile devices, and decreasing device costs, we are seeing a growth in mobile e-business in various consumer and business markets. In this paper, ...


Keyw ords: failure recovery, mobile commerce, mobile disconnection, mobile e-business, remote disconnection, seamless business transaction

14 Modelling and design of VAML

Congrong Liu, Jesse S. Jin

May VIP '01: Proceedings of the Pan-Sydney area workshop on Visual
2001 information processing - Volume 11, Volume 11


Publisher: Australian Computer Society, Inc.

Full text available:  [pdf\(24.67 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)


Non-linear interactive access to video is very important in video information management. The term non-linear refers to that there are more than one video streams delivering to users. To access video in a non-linear interactive way, it will involve issues ...

Keyw ords: VAML, annotation, browser, embedding marks, identify marks, non-linear interactive access, parsing, segmentation, video function

15 Automation and customization of rendered web pages

 Michael Bolin, Matthew Webber, Philip Rha, Tom Wilson, Robert C. Miller
October UI ST '05: Proceedings of the 18th annual ACM symposium on User
2005 interface software and technology

Publisher: ACM

Full text available:  [pdf\(804.45 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

On the desktop, an application can expect to control its user interface down to the last pixel, but on the World Wide Web, a content provider has no control over how the client will view the page, once delivered to the browser. This creates an opportunity ...

Keyw ords: web automation, web browsers


16 Experiments toward reverse linking on the web



Yeliz Yesilada, Darren Lunn, Simon Harper

September 2007 HT '07: Proceedings of the 18th conference on Hypertext and hypermedia

Publisher: ACM

Full text available:  [pdf\(874.47 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Multi-headed reverse linking (incoming links) is a fundamental concept of Open Hypermedia Systems. However, this bi-directionality has been lost in the move to the World Wide Web (Web). Here, we suggest a Web based solution for rediscovering these reverse ...

Keyw ords: bi-directional Linking, hypertext, inbound links, world wide web

17 Generation of interactive multi-level video summaries



Frank Shipman, Andreas Girgensohn, Lynn Wilcox

November 2003 MULTIMEDIA '03: Proceedings of the eleventh ACM international conference on Multimedia

Publisher: ACM

Full text available:  [pdf\(522.78 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

In this paper, we describe how a detail-on-demand representation for interactive video is used in video summarization. Our approach automatically generates a hypervideo composed of multiple video summary levels and navigational links between these summaries ...

Keyw ords: hypervideo, link generation, video editing, video summarization


18 Microsoft smart tags: support, ignore or condemn them?



Gareth Hughes, Leslie Carr

June 2002 HYPERTEXT '02: Proceedings of the thirteenth ACM conference on Hypertext and hypermedia

Publisher: ACM

Full text available:  [pdf\(122.58 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

This paper describes the latest instantiation of the open hypermedia concept of the generic link as it appears in Microsoft's Office products - the Smart Tag. We review the background to generic linking and the technology involved in Smart Tags and ...

Keyw ords: Microsoft smart tags, adaptation, context, generic links, link services, open hypermedia

19 MOCHA: a self-extensible database middleware system for distributed data



sources

Manuel Rodríguez-Martínez, Nick Roussopoulos

May SIGMOD '00: Proceedings of the 2000 ACM SIGMOD international conference
2000 on Management of data

Publisher: ACM

Full text available: [pdf\(278.77 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#),
[index terms](#)

We present MOCHA, a new self-extensible database middleware system designed to interconnect distributed data sources. MOCHA is designed to scale to large environments and is based on the idea that some of the user-defined functionality in the system ...

20 The interactive shared educational environment: user interface, system architecture and field study

Xiangming Mu, Gary Marchionini, Amy Pattee

May JCDL '03: Proceedings of the 3rd ACM/IEEE-CS joint conference on Digital
2003 libraries

Publisher: IEEE Computer Society

Full text available: [pdf\(298.58 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#),
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The user interface and system architecture of a novel Interactive Shared Educational Environment (ISEE) are presented. Based on a lightweight infrastructure, ISEE enables relatively low bandwidth network users to share videos as well as text messages. ...

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